	Application No.	Amplicant/a
	Application No.	Applicant(s)
Notice of Allowability	10/625,871	UCHINO, MANABU
	Examiner	Art Unit
	Eric Coleman	2183
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIC of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in this apport of the appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. This communication is responsive to <i>claims filed 5/12/04</i> .		
2. The allowed claim(s) is/are <u>1-5</u> .		
3. ☑ Acknowledgment is made of a claim for foreign priority und a) ☑ All b) ☐ Some* c) ☐ None of the: 1. ☑ Certified copies of the priority documents have to a copies of the priority documents have to a copies of the certified copies of the priority documents have to a copies of the certified copies of the priority documents have to a copies of the priority docume	been received. been received in Application No uments have been received in this r f this communication to file a reply of	national stage application from the complying with the requirements
 A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which gives 	ted. Note the attached EXAMINER's reason(s) why the oath or declarat	S AMENDMENT or NOTICE OF ion is deficient.
 CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperso 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date 	n's Patent Drawing Review (PTO-9	ffice action of
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	4(c)) should be written on the drawin e header according to 37 CFR 1.121(d	gs in the front (not the back) of).
 DEPOSIT OF and/or INFORMATION about the deposi attached Examiner's comment regarding REQUIREMENT For a stacked Examiner's comment regarding reg	it of BIOLOGICAL MATERIAL m OR THE DEPOSIT OF BIOLOGICA	nust be submitted. Note the NL MATERIAL.
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948)	5. ☐ Notice of Informal Pa6. ☐ Interview Summary (atent Application (PTO-152) PTO-413),
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08	Paper No./Mail Date	ent/Comment
Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material		ent of Reasons for Allowance Liu L Eric Coleman Primary Examiner

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REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: The combination of features in the independent claims was not found in the prior art. The prior art comprises the processing of conditional and unconditional branch instructions and converting a conditional branch to an unconditional branch for speeding up instruction processing and also the reconfiguration of an arithmetic unit. However the independent claims 1 and 4 comprise the following combination of features not found in the prior art (where the features are claimed as a method in claim 4 and as an apparatus in claim 1): dividing the arithmetic processing including conditional branches to a first processing of unconditional branches and a second processing with conditional branches, generating configuration information in accordance with the divided first processing of unconditional branches; a first arithmetic step (in claim 4)(or reconfigurable arithmetic means in claim 1) for reconfiguring based on the configuration information and executing the divided first processing of unconditional branches based on arithmetic data; and a second arithmetic step (in claim 4)(or an arithmetic means in claim 1) for performing divided second processing with conditional branches in accordance with a result of the processing, correcting an arithmetic result of the first processing step (in claim 4)(or reconfigurable arithmetic means in claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Coleman whose telephone number is (571) 272-4163. The examiner can normally be reached on Monday-Thursday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie Chan can be reached on (571) 272-4162. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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